

## WHAT IS CLAIMED:

CLAIM 1- a vacuum hose having a ridged rod mounted parallel to the vacuum hose, said rod having bend angular to the center axis of the vacuum hose with said rod parallel to a flexible segment of the vacuum hose, a means to rotate the bent rod and a hole or bearing in the vacuum hose mount to allow the bent rod to rotate, thus moving the suction end of the vacuum hose in a circular motion tracking parallel to the movement of the bent rod.

CLAIM 2- the means in CLAIM 1 having a powered means to rotate the bent rod, chosen from a hydraulic motor, an air motor, a DC motor, an AC motor, a combustion engine.

CLAIM 3- the means in CLAIM 1 and 2 having a means to improve the vacuuming ability of the earth chosen from a water nozzle, an air nozzle, or a vibrator.